MyWebUniversity
python™ Manual Pages ubuntu FPDF Library PDF generator FPDF
Full credit is given to the above companies including the OS that this PDF file was generated!

Linux Ubuntu 26.04 Manual Pages on command 'clog10f.3'

$ man clog10f.3

clog10(3) Library Functions Manual clog10(3)

NAME

clog10, clog10f, clog10l - base-10 logarithm of a complex number

LIBRARY

Math library (libm, -lm)

SYNOPSIS

```
#define _GNU_SOURCE         /* See feature_test_macros(7) */
#include <complex.h>
double complex clog10(double complex z);
float complex clog10f(float complex z);
long double complex clog10l(long double complex z);
```

DESCRIPTION

The call clog10(z) is equivalent to:

```
clog(z)/log(10)
```

or equally:

```
log10(cabs(c)) + I * carg(c) / log(10)
```

The other functions perform the same task for float and long double.

Note that z close to zero will cause an overflow.

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

```
????????????????????????????????????????????????????????????????????????????????????????????????????????????????
? Interface                                    ? Attribute     ? Value   ?
????????????????????????????????????????????????????????????????????????????????????????????????????????????????
```

? clog10(), clog10f(), clog10l() ? Thread safety ? MT-Safe ?

??

STANDARDS

GNU.

HISTORY

glibc 2.1.

The identifiers are reserved for future use in C99 and C11.

SEE ALSO

cabs(3), cexp(3), clog(3), clog2(3), complex(7)